COMMODITY DESCRIPTION

<table>
<thead>
<tr>
<th>H.S. Code</th>
<th>Item No</th>
<th>Description</th>
<th>Unit</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>8419.39.9000</td>
<td>-</td>
<td>Dry Heat Sterilizer</td>
<td>SET</td>
<td>1</td>
</tr>
</tbody>
</table>

A. **Model Name**: JSON-030S

B. **Product Description**: Dry Heat Sterilizer

C. **Manufacturer / Origin**: JS Research Inc. / Rep. of KOREA

D. **Application**:

Dry Heat Sterilizer is a common instrument to be used to drying, heating and sterilizing objects by heating air up to +160°C or +180°C with gravity convection system during specified sterilizing exposure time range from 30 to 60 minutes of sterilization exposure time.

E. **Photo**

![JSON-030S Dry Heat Sterilizer](image-url)
F. Feature

Controller  JSC-0D Digital PID Controller
- ±0.1 °C Digital PID Controller with LED Display
- Automatic START/STOP timer
- Adjustable timer scale 99min 59sec / 99hr 59min / 99 day 23hr or continuous operation
- Temperature calibration
- Auto-tuning function
- Class A Pt-100Ω sensor

Construction
- Durable epoxy powder coated metallic casing
- Ventilation damper
- Corrosion resistant Stainless Steel 304 chamber with seamless round cornered edge allows easy cleaning and prevent leakage

Performance
- Gravity air convection heated from the bottom creates mild vertical air circulation in the chamber
- Separate heating compartment located on bottom with perforated heater cover
- 50mm thick high thermal efficiency mineral wool with woven aluminum barrier sheet saves energy and less dust

Convenience
- Stainless Steel 304 Chamber with seamless round cornered edge allows easy cleaning and prevents leakage
- Removable and height adjustable shelf by 25mm spacing
- Easy to open and air-tight one touch door latch
- Opening size adjustable ventilation damper
- Non-contact door switch cut-off heater

Safety
- DUAL OVER TEMP. CUT-OFF
- Digital system cut-off heater and AUDIO VISUAL ALARM in case +2 °C above set temperature
- Analog system cut-off heater 10% above set temp.
- MAX TEMP CUT-OFF heater and AUDIO VISUAL ALARM when +1 °C above maximum limit
- DOOR SENSOR : Non-contact magnetic door switch cut-off heater when door opened
- SENSOR DISconnection ALARM
- OVER CURRENT CUT-OFF : Electrical Leakage Breaker
G. Specifications

Chamber Volume (Capacity) 33 Liters
Inner Dims. (W x D x H) 350 x 270 x 350 mm
Outer Dims. (W x D x H) 510 x 490 x 660 mm
No. of Shelves included 2 EA
No. of Shelf position 10 EA by 25 mm spacing
No. of Ventilation damper 1 EA

Heating Gravity Air Convection
Temp. Range ambient +10°C – +250°C
Accuracy ±0.3°C at +180°C
Uniformity ±2.0°C at +180°C
Heat up time to +180°C 15 min.

Control Microprocessor PID control
Auto START / STOP Timer

Sensor Class A PT-100 Ω Sensor

Safety Over-Temperature Cut-Off
Over Current Cut-Off

Material
Body : Epoxy Powder Coated Steel, 1.0 mm thickness
Chamber : Stainless Steel 304, 0.8 mm thickness
Insulation : 50 mm Woven Mineral Wool

Electrical Requirement 220 ± 10% VAC, 50/60Hz, 1-Phase

Heater Capacity 800 W
Power Rating 3.8 amps
Plug Configuration CEE 7/7 Schuko or BS 1363

Net Weight 30 kg
Shipping Weight 36 kg
Shipping Dims. (W x D x H) 530 x 550 x 810 mm, carton on a wooden palette
### H. Standard Accessories
- Wire Shelf, Stainless Steel 304 : 2 EA
- Shelf Support : 8 EA
- Instruction Manual : 1 EA
- Warranty Card : 1 EA

### I. Options & Accessories

<table>
<thead>
<tr>
<th>Art No.</th>
<th>Descriptions</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHS-A02</td>
<td>Perforated Shelf, Stainless Steel 304, W320 x D250 mm</td>
</tr>
<tr>
<td>PHS-B02</td>
<td>Wire Shelf, Stainless Steel 304, W320 x D250 mm</td>
</tr>
<tr>
<td>PHS-A99</td>
<td>Shelf Support, Set of 4 EA</td>
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</tbody>
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### J. Warranty
- 1 Year full coverage warranty